



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of
Alcino Resende de ALMEIDA

Application No: 08/186,469

Group Art Unit: 3407

Filed: January 26, 1994

Examiner: K. LEE

For: SEAT FOR GATE VALVE

95 MAY 30 AM 7:00

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GROUP 340

AMENDMENT UNDER 37 C.F.R. 1.115

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action dated February 22, 1995,
please amend the above-identified application as follows:

IN THE DRAWINGS:

Copies of Figures 1-3 inclusive are submitted herewith showing
proposed changes in red for approval.

IN THE CLAIMS:

2. (Amended) A gas-lift valve for use in oil-wells
producing by continuous gas-lift consisting of a housing and a
valve seat mounted in said housing, wherein said valve seat has a
continuously open passage through which gas is allowed to flow and
said passage consists of a curved inlet portion defining a nozzle
in which gas flow is speeded up, a smooth straight intermediate
portion providing a main restriction to gas flow and [an] a smooth,
outwardly tapered conical shaped outlet portion in which said gas
flow is gradually slowed down.